

Question	Answer
7.	$\angle J \cong \angle S; \angle K \cong \angle T; \angle L \cong \angle U;$ $\angle M \cong \angle V; \frac{JK}{ST} = \frac{KL}{TU} = \frac{LM}{UV}$ $= \frac{MJ}{VS} = \frac{5}{6}$
8.	$\angle A \cong \angle X; \angle B \cong \angle Y; \angle C \cong \angle Z;$ $\frac{AB}{XY} = \frac{BC}{YZ} = \frac{CA}{ZX} = 2$
9.	yes; $\frac{7}{8}; \triangle RSQ \sim \triangle UZX$
10.	no
11.	14 ft
14.	A
20.	15
25.	Polygons must be \cong . Since polygons are \sim , their corr. \angle must be \cong . Since the similarity ratio is 1, corr. sides must have same length.
26a.	9 ft
26b.	18 ft
26c.	$\frac{1}{20}$